

Claims

1. A linoleum-based planar structure characterized in that it contains over the whole cross section flakes comprising an organic polymeric material, the flakes being compatible with the linoleum base composition and having a particle size in the range of 0.5 to 30 mm and a thickness in the range of 1.0 to 400 μm .
2. The linoleum-based planar structure according to claim 1, wherein the thickness of the flakes is within the range of 1.5 to 50 μm .
3. The linoleum-based planar structure according to claim 1 or 2, wherein the organic polymeric material is selected from the group consisting of a material containing the reaction product of at least one dicarboxylic acid or one polycarboxylic acid or derivatives thereof or a mixture thereof with at least one epoxidation product of a carboxylic acid ester or a mixture of said epoxidation products, poly(meth)acrylates, polyvinylacetates, and a mixture thereof.
4. The linoleum-based planar structure according to claim 3, wherein the dicarboxylic acid is maleic acid, itaconic acid, fumaric acid, succinic acid, methylsuccinic acid, malic acid, furandicarboxylic acid, phthalic acid, tartaric acid, or citraconic acid, or a mixture thereof containing at least two of these acids.
5. The linoleum-based planar structure according to claim 3, wherein the polycarboxylic acid is selected from citric acid, aconitic acid or trimellitic acid.

